

REMARKS

Claims 1 and 5-20 are pending in the present application.

Claims 2-4 are canceled with this Amendment.

Claims 1 and 14 are amended. Claim 1 is amended to recite tin alloys of tin/silver/copper and the amounts of the metal alloy ions in the electrolyte composition. Support in the specification for this amendment is at page 7, lines 8-25. Claim 1 also is amended to recite multivalent compounds based on the elements vanadium, niobium, tantalum, titanium, zirconium and tungsten. Support in the specification for this amendment is at page 9, lines 12-25.

Claim 14 is amended to recite the electrolyte formula.

Claims 1-5 and 7-14 are rejected under 35 U.S.C. §102(e) as allegedly anticipated by U.S. 20030226758 to Egli. Applicants respectfully traverse this rejection.

Claims 2-4 are canceled. Accordingly, the rejection with respect to these claims is moot.

Egli does not teach an electrolyte composition for depositing a tin alloy on a substrate, comprising tin ions, ions of alloying metals silver and copper or silver and bismuth, the ions of the alloying metals range from 0.01 g/L to 10 g/L, one or more multivalent compounds based on the elements vanadium, niobium, tantalum, titanium, zirconium and tungsten, an acid, a thiourea derivative, and an additive selected from alkanol amines, polyethylene imines, alkoxylated aromatic alcohols, and combinations thereof (claim 1).

Claims 5 and 7-14 also are not anticipated by Egli. They depend directly or indirectly from claim 1 and are not anticipated by Egli for the same reasons as claim 1.

Applicants respectfully request withdrawal of the rejection of claims 1-5 and 7-14 under 35 U.S.C. §102(e) as allegedly anticipated by U.S. 20030226758 to Egli.

Claim 6 is rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. 20030226758 to Egli in view of U.S. 6,706,418 to Egli et al. Applicants respectfully traverse this rejection.

The present application and U.S. 20030226758 are both owned by Rohm and Haas Electronic Materials L.L.C. Shipley Company has been renamed Rohm and Haas Electronic Materials. A copy of the document with the name change is enclosed. Both the subject matter and the presently claimed invention were owned by the same person at the time the presently

claimed invention was made. See 35 U.S.C. §103(c). Accordingly, the Egli application may not be applied for purposes of 35 U.S.C. §103(a).

Applicants respectfully request withdrawal of the rejection of claim 6 under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. 20030226758 to Egli and in view of U.S. 6,706,418 to Egli et al.

Claims 15-20 are rejected under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. 20030226758 to Egli in view of U.S. 6,666,369 to Matsuki et al. Applicants respectfully traverse this rejection.

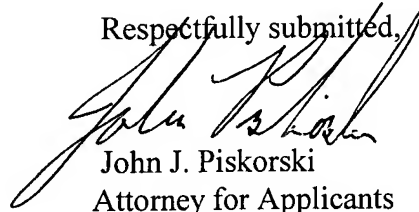
Both the present application and the Egli application were owned by the same person (Rohm and Haas Electronic Materials) at the time the presently claimed invention was made. Accordingly, under 35 U.S.C. §103(c) Egli may not be applied against the presently claimed invention for purposes of 35 U.S.C. §103(a).

Applicants respectfully request withdrawal of the rejection of claims 15-20 under 35 U.S.C. §103(a) as allegedly unpatentable over U.S. 20030226758 to Egli in view of U.S. 6,706,418 to Egli et al.

Favorable consideration and allowance of claims 1 and 5-20 are earnestly solicited.

Should the Examiner have any question concerning this response or this application, or should she believe this application is for any reason not yet in condition for allowance, she is respectfully requested to telephone the undersigned at the number set forth below.

Respectfully submitted,



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Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "SHIPLEY COMPANY, L.L.C.", CHANGING ITS NAME FROM "SHIPLEY COMPANY, L.L.C." TO "ROHM AND HAAS ELECTRONIC MATERIALS LLC", FILED IN THIS OFFICE ON THE TWENTY-SEVENTH DAY OF JANUARY, A.D. 2004, AT 5:58 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE FIRST DAY OF FEBRUARY, A.D. 2004.



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Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2908340

DATE: 02-03-04

AMENDMENT TO THE CERTIFICATE OF FORMATION
OF
SHIPLEY COMPANY, L.L.C.

This Amendment to the Certificate of Formation of Shipley Company, L.L.C., a Delaware Limited Liability Company, is being duly executed and filed by Shipley Holdings, Inc., a Delaware Corporation, to amend the Certificate of Formation pursuant to 6 Del. C. Sec. 18-202.

1. The name of the company is Shipley Company, L.L.C.
2. The amendment to the Certificate of Formation is as follows: The name of the company is changed to Rohm and Haas Electronic Materials LLC.

IN WITNESS WHEREOF, we have hereunto set our hands this 19th day of January 2004.

SHIPLEY HOLDINGS INC.

By: Gail P. Granoff
Gail P. Granoff, Assistant Secretary